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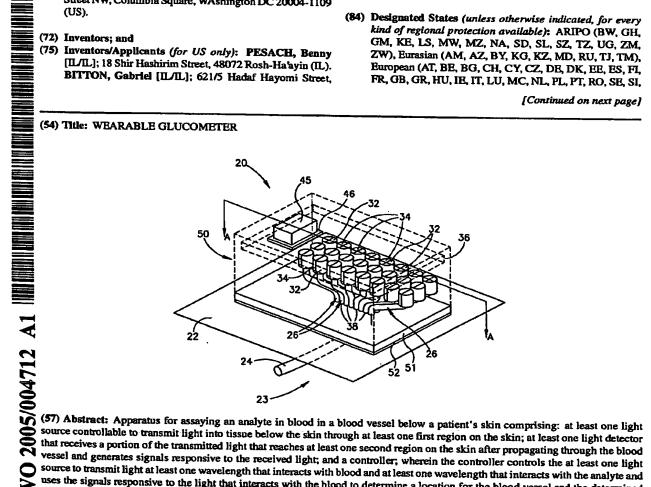
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vessel and generates signals responsive to the received light; and a controller; wherein the controller controls the at least one light source to transmit light at least one wavelength that interacts with blood and at least one wavelength that interacts with the analyte and uses the signals responsive to the light that interacts with the blood to determine a location for the blood vessel and the determined location and signals responsive to the light to assay the analyte.